A-5. Aplicații FEA în Ingineria mecanica: - în domeniul liniar şi neliniar, pentru fenomene netranzitorii şi tranzitorii

Lucrări publicate

V. Goanta, *"Finite Elements Analysis And Cracking Calculation for Pinion-Rack Mechanism Regarding the Direction Mechanism"*, B.I.P. Iaşi, Tomul LV(LIX), Fasc. 1, Constr. De Maşini, 2009, pg. 43-51

V. Goanta, *"Calculations relations for J-integral using non-standard specimens*", B.I.P.Iasi, Tomul LIV(LVIII), Fasc. 1, Sectia Constructii de masini, pg. 363-369, 2008

V. Goanta, *The Influence of Dispersion of Particles in the Vicinity of a Crack*, B.U. Bacau, vol. 4, 2007, ISSN 1224-7480, pg. 84-89

V. Goanta, *"The investigation of stresses from the fillet weld of the G.P.L. tanker",* B.I.P.Iasi, Tomul LIII(LVII), fasc. 1-4, pg. 83-90, 2007

Aignãtoaie M., Balan L.- "*FEA study on the influence of tooth root radius on global stress field of a gear transmission"*- Buletinul Institutului Politehnic din Iaşi, tomul LI(LV), Fasc. 3-4, anul 2005, pp. 33-44.

Aignătoaie M. - *FEA Modelling for Determining Residual stresses by the Hole-Drilling Method in Anisotropic Materials*, 25th Yugoslav Congress on Theoretical and Applied Mechanics Novi Sad, Serbia and Montenegro, June 1-3, 2005, BOOK OF ABSTRACTS, ISBN 86-85211-52-2, p.74

Aignătoaie M, Bârsănescu P.D. – "*FEA Modelling Applied in the Reduction of Errors at the Determining of Residual Stresses"* - The First International Conference on Computational Mechanics, CM'04, Belgrade, Serbia and Montenegro, Proceedings CD, ISBN 86-7589-042-7, p.1-16, November 15-17, 2004, on INTERNET: http://www.cm2004.matf.bg.ac.yu, 2004

Bârsãnescu P.D., Aignătoaie M. - *Integration Tendency of the Electrical Strain-Gages* , Buletinul Institutului Politehnic din Iaşi, Tomul XLVII(LI), Fasc. 3-4, 2001 p.67-73.